



DEPARTMENT OF  
TOXIC SUBSTANCES  
CONTROL

*The mission of the  
Department of Toxic  
Substances Control  
is to provide the  
highest level of safety,  
and protect public  
health and the  
environment from  
toxic harm.*



State of California



Cal/EPA

Fact Sheet, June 2011

## Proposed Remedy for Groundwater Raymond Villa Fundamental Intermediate School

The California Department of Toxic Substances Control (DTSC) announces a public comment period on the proposed remedy for the low levels of industrial solvents in the groundwater beneath the Raymond Villa Fundamental Intermediate School (former EECO Inc.), located at 31441 East Chestnut Avenue in Santa Ana, California. There is **no immediate threat** to the occupants of the school, or the community because the concentrations of contaminants in groundwater are very low, and the impacted groundwater is not the source of drinking water.

The proposed remedy or cleanup is described in a Corrective Measures Study Report (CMS) and summarized in this fact sheet. The CMS provides an assessment of site conditions and recommends methods to clean up the site. It outlines the necessary steps and schedules for continued groundwater monitoring. The methods that will be used to evaluate, and ultimately decide if further action is required are also described in the CMS.

In addition to the CMS, DTSC has prepared a draft Statement of Basis, documenting its proposed decision to accept the recommendations provided in the CMS. The public is invited to comment on the draft Statement of Basis and the proposed remedy during the public comment period.

### **PUBLIC COMMENT PERIOD** **June 21 , 2011 – August 4, 2011**

The public comment period for the draft Statement of Basis, begins on June 21, 2011 and ends August 4, 2011. DTSC will make a final decision after all public comments have been reviewed and considered. Copies of the draft Statement of Basis can be viewed at the information repositories listed on page 3 of this fact sheet. Written and e-mailed comments must be postmarked by August 4, 2011 and sent to:

Robert Romero, DTSC Project Manager  
5796 Corporate Avenue, Cypress, CA 90630  
[rromero1@dtsc.ca.gov](mailto:rromero1@dtsc.ca.gov)

Si desea información en español, comuníquese con Jeanne Garcia al (818) 717-6573.



## Site Background

Prior to 1949 the property was utilized for agricultural purposes. From approximately 1949 to 1989 the site was occupied by an electronics manufacturer doing business as EECO, Incorporated (EECO). EECO was a manufacturer of electronic components such as switches, video editing equipment, mini computers, and printed circuit boards.

The EECO facility received an Interim Status Document for management of hazardous waste in 1981. The regulated units on the EECO facility included a drum storage warehouse, a concrete storage pad containing drums and a storage tank, an underground wastewater neutralization system, an aboveground wastewater neutralization system, and an underground storage tank.

The site was sold to the Santa Ana Unified School District in 1989, and was developed as the Raymond A. Villa Fundamental Intermediate School. Prior to development into a school facility, Resource Conservation and Recovery Act (RCRA) closure activities were conducted with DTSC oversight in 1995. RCRA is a law that gives states the authority to require environmental cleanups or corrective action.

On January 23, 2004, a Corrective Action Consent Agreement was executed between the District and DTSC to evaluate the groundwater and any other remaining environmental issues.

## RCRA Corrective Action Process

The investigation and cleanup process for the Site is being conducted under RCRA. RCRA is the principal Federal law in the United States governing the disposal of hazardous waste. The RCRA Corrective Action process requires investigation and cleanup of hazardous wastes. All corrective action work is being performed by engineers and environmental scientists, with oversight and approval provided by DTSC and other regulatory agencies.

## Site Investigation Findings

During Site closure activities, industrial solvents or volatile organic contaminants

(VOCs) were detected in soil gas and groundwater at the site. It was determined that there were no significant risks to human health based on the low concentration of chemicals detected in site soil. The school does not obtain its drinking water from groundwater beneath the site, and it does not pose a risk to school occupants. However, further investigation was required to evaluate potential environmental impacts to the groundwater.

Groundwater monitoring has been conducted at Site for 13 years. The monitoring indicates that low levels of VOCs, primarily 1,2 - Dichloroethane, 1,1 - Dichloroethene, 1,1,2 - Trichloroethane, and Trichloroethene were detected, with some samples slightly exceeding their respective Maximum Contaminant Level (MCL). As a result, DTSC requires corrective measures to protect the environmental quality of the groundwater.

## Corrective Measures Study

The CMS evaluates cleanup options and proposes final remedies for the site. Several cleanup options were evaluated using the following standards/factors:

- Protects human health and the environment
- Meets cleanup goals
- Controls the source of the VOCs to reduce or eliminate, further releases that might pose a threat to human health and/or the environment
- Meets all applicable waste management requirements
- Short and long term effectiveness
- Reduction of contamination
- Long-term reliability
- Ease of implementation
- Cost

## Proposed Cleanup Plan

After a careful review and comparison of cleanup alternatives, DTSC proposes to address groundwater contamination at the site by implementing a Monitored Natural Attenuation (MNA) program. MNA will

involve one year of quarterly monitoring and sampling of groundwater using the existing network of four monitoring wells located on the site. A monitoring and evaluation report will be prepared upon completion. The report will evaluate changes in the groundwater contamination, and the presence and rate of natural attenuation. DTSC may require no further action if the report shows VOC levels in groundwater are consistent, and not significant.

### **Next Steps**

If the proposed cleanup is approved, the next steps include:

- The Preparation and Approval of a Corrective Measures Implementation (CMI) Workplan
- Implementation of the CMI Workplan
- Preparation and Approval of a CMI Report.
- Final Decision on Completeness of the Remedy by DTSC

### **How You Can Participate**

Before making a final determination on the proposed remedy, DTSC will review and respond in writing to all comments received from the public. A Response to Comments document will be sent to all those who submitted public comments and to those who request a copy. A copy of the Response to Comments will also be placed in the information repositories. After considering all public comments received during the comment period, DTSC will approve, modify or deny the proposed remedy. If approved, the proposed remedy will be implemented immediately.

The CMS, draft Statement of Basis, and other project documents are available for public review at the information repositories.

### **Information Repositories**

Santa Ana Public Library  
26 Civic Center Plaza  
Santa Ana, CA 92701  
(714) 647-5250

DTSC File Room  
5796 Corporate Avenue  
Cypress, CA 90630  
(714) 484-5300  
Hours: 8 – 5 p.m.  
Note: Please call for an appointment

To view electronic versions of the draft CMS, draft Statement of Basis and other related documents, please visit DTSC's EnviroStor website:

<http://www.envirostor.dtsc.ca.gov/public/>.

Enter Santa Ana as the City and select "Get Report". Select "EECO INC. CORRECTIVE ACTION" and click on "Report".

All documents made available to the public by the DTSC can be made available in alternate format (i.e. Braille, large print, etc.) or in another language as appropriate, in accordance with State and Federal law. Please contact Jeanne Matsumoto for assistance.

### **For More Information**

If you have questions about the cleanup project, please contact:

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### **For media inquiries, please contact:**

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TTY/TDD Speech-to-Speech users may dial (888) 877-5378. Please ask to speak to Jeanne Matsumoto at (714) 484-5338.

